

**Amendments to the Abstract:**

Please amend the Abstract of the Disclosure as submitted herewith.

~~This invention relates to a~~ A method for producing a reinforcing ceramic fiber ~~(22)~~ with a metal coating. ~~(24) — a reinforcing fiber (20). According to this invention, the~~ The metal coating ~~(24)~~ is converted to an exterior shape having a polygonal cross section; which permits ~~ting~~ a structure of reinforcing fibers ~~(20)~~ to be arranged side-by-side and above one another without leaving any cavities. When the polygonal-shaped fibers are arranged in this manner about a base part and hot pressed, a fiber-reinforced metal matrix component is created without volumetric shrinkage during the hot pressing.

~~(FIG 1)~~